

Claims

1. A nozzle that can be fitted onto the steam outlet of a coffee machine intended to froth a liquid,
5 said nozzle is made as a single piece and comprises
- a mouth for letting in the steam,
- a restriction in the continuation of said mouth,
- and a flared zone along the axis of said restriction and of said mouth to allow the liquid out,
10 having a cross section more or less equal to the cross section of the mouth, and
- more or less perpendicular to the mouth, a pipe for letting in liquid and an air inlet.
- 15 2. The nozzle as claimed in claim 1, characterized in that the air inlet is on the liquid inlet pipe.
3. The nozzle as claimed in claim 1, characterized in that the air inlet consists of a pipe opening into the
20 liquid inlet pipe more or less at right angles.
4. The nozzle as claimed in one of claims 1 to 3, characterized in that the liquid inlet pipe allows a tube to be fitted for drawing up said liquid.
- 25 5. The nozzle as claimed in one of claims 1 to 4, characterized in that the flared zone comprises a means for breaking the jet of liquid.
- 30 6. The nozzle as claimed in one of claims 1 to 5, characterized in that the flared zone comprises a stabilizing zone at its outlet.
7. The nozzle as claimed in one of claims 1 to 6,
35 characterized in that the nozzle is injection-molded in a plastic compatible with food use.
8. The nozzle as claimed in one of claims 1 to 7,

characterized in that the air and liquid inlet pipe has an inside diameter of the order of 1 to 3 mm and the steam inlet mouth has an inside diameter of the order of 10 to 15 mm.

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9. The nozzle as claimed in one of claims 1 to 8, characterized in that the restriction and the stabilizing zone have a diameter of the order of 2 to 4 mm.

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10. The nozzle as claimed in any one of claims 1 to 9, characterized in that the stabilizing zone is a cylindrical part about 4 to 20 mm high.